

Amendments to the Specification:

Please replace the paragraph bridging pages 1 and 2 with the following amended paragraph:

As shown in the drawing, the general control program consists of an upper application function unit for exchanging a signaling message with the external source and analyzing and processing a protocol and ~~an MMC~~ a HMC (human machine command), and hardware control function unit for actually controlling the hardware resource 20 according to the analysis of the upper application function unit. In this respect, the hardware control function unit is implemented suitable to the hardware characteristics of the switching system.

Please replace the first full paragraph on page 2 with the following amended paragraph.

In this manner, the conventional control program performs a connection establishing, a connection releasing, a state managing, a configuration controlling and other operation maintenance of the switching system by analyzing a signaling message inputted from an external source or ~~an MMC~~ a HMC (human machine command) inputted through a HMI (human machine interface) by an operator.

Please replace the second full paragraph on page 2 with the following amended paragraph:

However, the control program of the general ATM switching system in accordance with the conventional art is fixedly implemented just suitable to the characteristics of the hardware of its pertinent switching system. Thus, in order to control other ATM switching

Serial No. 09/736,191

Docket No. P-0169

Amendment dated: March 29, 2005

Reply to Office Action of January 7, 2005

~~system~~ systems, a control program should be rewritten to be suitable to the corresponding
ATM switching system.